

**OFFICIAL COMMUNICATION**

**FACSIMILE**

**FOR THE PERSONAL ATTENTION OF:**

**EXAMINER RODNEY P. SCHWARTZ**

# 17/c  
try  
4/4/02  
**OFFICIAL**

**GROUP 1645 FAX NO: 703-308-4242**

**FAX RECEIVED**

Number of pages including this page 9

**MAR 29 2002**

**GROUP 1600**

Applicant : Elliott Bennett-Guerrero et al.

Art Unit : 1645

Serial No. : 09/423,546

Examiner : Rodney P. Schwartz

Filed : November 12, 1999

**FACSIMILE COMMUNICATION**

Title : VACCINE AGAINST LIPOPOLYSACCHARIDE CORE

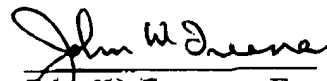
Commissioner for Patents  
Washington, D.C. 20231

Sir:

Attached to this facsimile communication cover sheet is an AMENDMENT AND RESPONSE, faxed this day of March 28, 2002, to Group 1645, the United States Patent and Trademark Office.

Respectfully submitted,

Date: March 28, 2002

  
John W. Freeman, Esq.  
Reg. No. 29,066

Fish & Richardson P.C.  
225 Franklin Street  
Boston, Massachusetts 02110-2804  
Telephone: (617) 542-5070  
Fax: (617) 542-8906

20411784.doc

**NOTE: This facsimile is intended for the addressee only and may contain privileged or confidential information. If you have received this facsimile in error, please immediately call us collect at (617) 542-5070 to arrange for its return. Thank you.**

Attorney's Docket No.: 08213-007001

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Elliott Bennett-Guerrero et al.      Art Unit : 1645  
Serial No. : 09/423,546      Examiner : Rodney P. Schwartz  
Filed : November 12, 1999  
Title : VACCINE AGAINST LIPOPOLYSACCHARIDE CORE

Commissioner for Patents  
Washington, D.C. 20231

#17/c  
JM  
4/4/02

AMENDMENT AND RESPONSE

In response to the action mailed February 25, 2002, please amend the application in the claims by canceling claims 47-49, 52-54, 69, 72, 89-92, 95, 96, and 101-111, and by amending claims 44, 58, 64, 66 and 78-83 to read as shown below. For the examiner's convenience, a copy of all claims pending after this amendment is provided below. Claims that are not being amended are indicated as "retained".

C 44. (amended) A method of reducing adverse effects of endotoxin in a warm-blooded animal, which comprises administering to the warm-blooded animal an effective amount of a composition comprising rough, complete-core lipopolysaccharide (LPS) antigens of at least two Gram negative bacterial strains, each of said strains having a classification independently selected from the following classifications: *E. coli*; *Pseudomonas*; and *Bacteroides*, said antigens being separated from cells of said bacterial strains.

55. (retained) The method of claim 44 in which the composition comprises Ra LPS incorporated in a liposome.

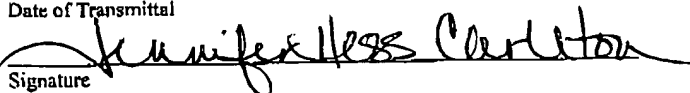
## CERTIFICATE OF TRANSMITTAL BY FACSIMILE

I hereby certify under 37 CFR §1.8(a) that this correspondence is being transmitted via facsimile on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

3/28/2002

Date of Transmittal

Signature



Jennifer Hess Carleton

Typed or Printed Name of Person Signing Certificate